

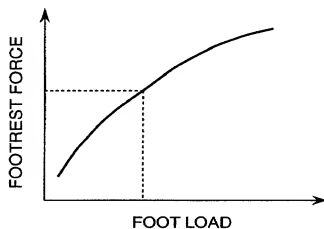
The diagram illustrates a vehicle seat assembly with several key parts labeled:

- 10**: The overall seat assembly.
- D**: A base or floor surface.
- 11**, **11a**, **11b**: Components of the seat backrest.
- 12**, **12a**, **12b**: Components of the seat cushion.
- 13**, **13a**, **13b**, **13c**: A control mechanism or actuator assembly.
- 14**: A component connected to the control mechanism.
- 15**, **15a**, **15b**: A component at the bottom of the seat backrest.
- 16**: A rectangular control unit or power source.
- A**, **B**, **F**, **F1**, **F2**: Various points or surfaces related to the seat's movement or adjustment.
- AX1**, **AX2**: Axes of rotation or movement.
- Bb**, **BB**: Additional structural components.

Arrows indicate the flow of force or movement between these components, such as from the control unit 16 through the actuator 13 to the seat backrest 11.

A graph showing the relationship between Force on Pedal (x-axis) and Footrest Force (y-axis). The curve is concave down, indicating that the rate of increase in footrest force decreases as the force on the pedal increases. A dashed line indicates a specific point on the curve.

**FIG. 3**



**FIG. 4**

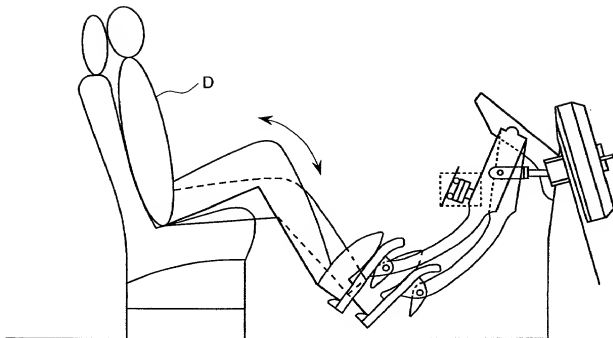
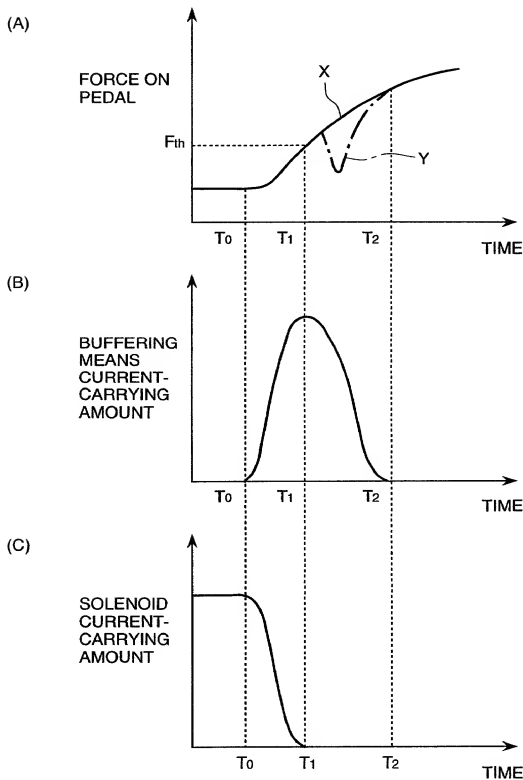


FIG. 3

FIG. 5



0902917-000701

[illegible]

FIG. 8

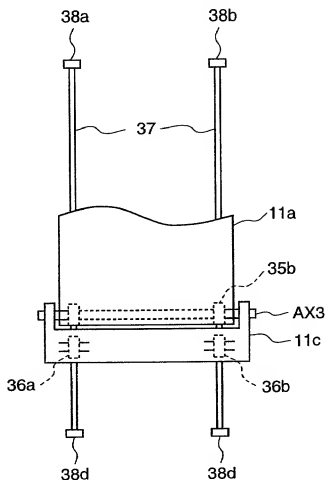


FIG. 9

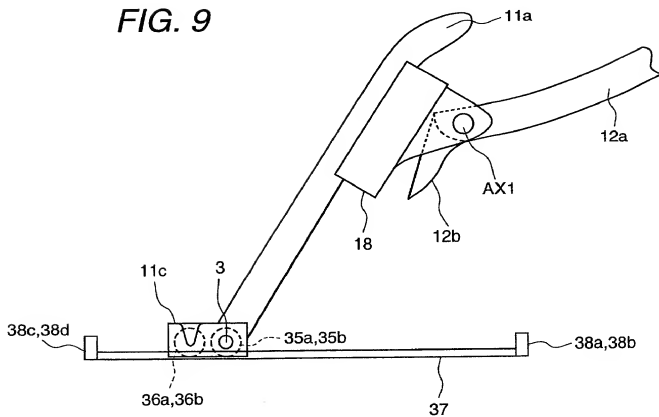




FIG. 12

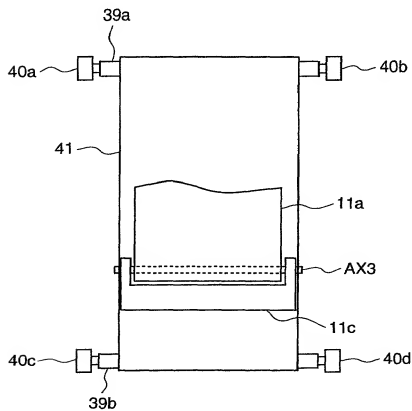
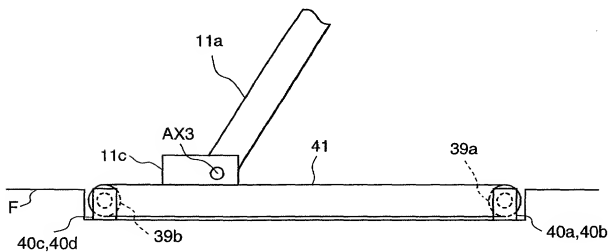


FIG. 13



0992291 080701  
 10/080 7162266

**FIG. 16**

```
graph TD; START([START]) --> S10{IN ONE PEDAL ACC MODE?}; S10 -- NO --> RETURN([RETURN]); S10 -- YES --> S20{DOES DRIVER WISH TO BRAKE?}; S20 -- NO --> S40{ARE THERE ANY PRECEDENT CARS?}; S20 -- YES --> S30[CLOSE THROTTLE]; S30 --> RETURN; S40 -- YES --> S50[FOLLOWING ACCELERATION]; S40 -- NO --> S60[ACCELERATE TO SET SPEED]; S50 --> RETURN; S60 --> RETURN;
```

The flowchart illustrates the control logic for the one pedal acceleration mode. It begins at a **START** terminal, leading to decision point **S10**: "IN ONE PEDAL ACC MODE?". If the answer is **NO**, the process proceeds directly to the **RETURN** terminal. If the answer is **YES**, the process moves to decision point **S20**: "DOES DRIVER WISH TO BRAKE?". If the answer to S20 is **NO**, the process proceeds to decision point **S40**: "ARE THERE ANY PRECEDENT CARS?". If the answer to S40 is **YES**, the process proceeds to block **S50**: "FOLLOWING ACCELERATION", which then leads to the **RETURN** terminal. If the answer to S40 is **NO**, the process proceeds to block **S60**: "ACCELERATE TO SET SPEED", which then leads to the **RETURN** terminal. If the answer to S20 is **YES**, the process proceeds to block **S30**: "CLOSE THROTTLE", which then leads to the **RETURN** terminal.



FIG. 15

100

